

AMENDMENTS TO THE CLAIMS:

Please amend Claims 1, 2, 5, 7, 10-12, 14-16, 19 and 20 as shown below.

Note that all the claims currently pending in this application, including those not currently being amended, have been reproduced below for the Examiner's convenience.

1. (Currently Amended) An image display control system comprising a supply source for transmitting a signal including at least a video signal, and an image display for receiving the signal from said supply source and displaying a corresponding image,

said supply source including:

characteristic acquisition means for acquiring characteristic data of said image display when said supply source is powered on;

determination means for determining a signal communication specification with said image display on the basis of the characteristic data acquired by said characteristic acquisition means; and

communication means for communicating a signal including the video signal with the communication specification determined by said determination means, and

said image display including:

characteristic transmission means for transmitting characteristic data for specifying a characteristic of said image display to said supply source; and

display communication means for communicating the signal including the video signal determined by said determination means of said supply source; and

connection request transmission means for transmitting a connection request to said supply source.

wherein said characteristic acquisition means includes detection means for detecting the connection request from said image display.

2. (Currently Amended) The system according to claim 1, wherein said characteristic acquisition means comprises:

characteristic request means for transmitting a characteristic data transmission request to said image display;

~~detection means for detecting a connection request including characteristic data from said image display; and~~

characteristic detection means for detecting the characteristic data sent back from said image display, and

~~said image display comprises:~~

~~connection request transmission means for transmitting a connection request including characteristic data of said image display to said supply source; and~~

wherein said characteristic transmission means ~~for transmitting~~ transmits characteristic data of said image display in correspondence with a characteristic data transmission request from said supply source.

3. (Original) The system according to claim 2, wherein said characteristic request means stops transmitting the characteristic data transmission request when no characteristic data is sent back from said image display even upon transmitting the characteristic data transmission request a predetermined number of times after said supply source is powered on.

4. (Original) The system according to claim 2, wherein said connection request transmission means monitors detection of the characteristic data transmission request from said supply source when no characteristic data transmission request is sent back from said supply source even upon transmitting the connection request a predetermined number of times after said image display is powered on.

5. (Currently Amended) The system according to claim 2, wherein the characteristic data transmission request from said characteristic request means includes a specification information transmission request of said image display, and said image display sends back specification information of said image display in correspondence with the specification information transmission request (S39).

6. (Original) The system according to claim 2, wherein the characteristic data transmission request from said characteristic request means includes an adjustment information transmission request of said image display, and said image display sends back adjustment information of said image display in correspondence with the adjustment information transmission request.

7. (Currently Amended) The system according to claim 1, wherein said determination means specifies a display screen size of said image display from the characteristic data, obtains a video signal ~~amount to be transmitted~~ transmission speed in correspondence with the specified display screen size, and determines a signal communication specification.

8. (Original) The system according to claim 1, wherein the signal communication specification determined by said determination means includes a vertical synchronization period, a horizontal synchronization period, and a video signal transmission clock period for transmitting a video signal.

9. (Original) The system according to claim 1, wherein the characteristic data of said image display includes at least any one of

- the number of pixels and pixel layout of a display device of said image display,
- an emission characteristic of said display device of said image display,
- a gray level characteristic of said image display (the number of gray levels and a gamma characteristic of said display device),
- the type of image display (a screen size, an aspect ratio, and the type of device),
- a specification of an audio playback system of said image display, and
- a displayable frame frequency of said image display.

10. (Currently Amended) An image display system control method in an image display control system having a supply source for transmitting a signal including at least a video signal, and an image display for receiving the signal from the supply source and displaying a corresponding image, comprising:

~~the a~~ characteristic acquisition step of acquiring characteristic data of ~~said~~ the image display when the supply source is powered on;

the a determination step of determining a signal communication specification with the image display on the basis of the characteristic data acquired in the said characteristic acquisition step;

the a communication step of communicating a signal including the video signal with the communication specification determined in the said determination step, the with said characteristic acquisition step, the said determination step, and the said communication step being executed in the supply source; and

the a characteristic transmission step of transmitting characteristic data for specifying a characteristic of the image display to the supply source; and

the a display communication step of communicating the signal including the video signal determined in the said determination step of the supply source, the with said characteristic transmission step and the said display communication step being executed in the image display;

a connection request transmission step of transmitting a connection request to the supply source,

a detection step of detecting the connection request from the image display.

11. (Currently Amended) The method according to claim 10, wherein the characteristic acquisition step comprises:

the characteristic request step of transmitting a characteristic data transmission request to the image display;

~~the detection step of detecting a connection request including characteristic data from the image display; and~~

the characteristic detection step of detecting the characteristic data sent back from the image display, and

~~the method further comprises:~~

~~the connection request transmission step of transmitting a connection request including characteristic data of the image display to the supply source; and~~

~~the wherein said characteristic transmission step of transmitting transmits characteristic data of the image display in correspondence with a characteristic data transmission request from the supply source, ~~the connection request transmission step and~~ the said characteristic transmission step being executed in the image display.~~

12. (Currently Amended) The method according to claim 11, wherein ~~the said~~ characteristic request step comprises stopping transmitting the characteristic data transmission request when no characteristic data is sent back from the image display even upon transmitting the characteristic data transmission request a predetermined number of times after the supply source is powered on.

13. (Original) The method according to claim 11, wherein the connection request transmission step comprises monitoring detection of the characteristic data transmission request from the supply source when no characteristic data transmission request is sent back from the supply source even upon transmitting the connection request a predetermined number of times after the image display is powered on.

14. (Currently Amended) The method according to claim 11, wherein the characteristic data transmission request in ~~the said~~ characteristic request step includes a specification information transmission request of the image display, and the image display sends back specification information of the image display in correspondence with the specification information transmission request.

15. (Currently Amended) The method according to claim 11, wherein the characteristic data transmission request in ~~the~~ said characteristic request step includes an adjustment information transmission request of the image display, and the image display sends back adjustment information of the image display in correspondence with the adjustment information transmission request.

16. (Currently Amended) The method according to claim 10, wherein ~~the~~ said determination step comprises specifying a display screen size of the image display from the characteristic data, obtaining a video signal ~~amount to be transmitted~~ transmission speed in correspondence with the specified display screen size, and determining a signal communication specification.

17. (Original) The method according to claim 10, wherein the signal communication specification determined in the determination step includes a vertical synchronization period, a horizontal synchronization period, and a video signal transmission clock period for transmitting a video signal.

18. (Original) The method according to claim 10, wherein the characteristic data of the image display includes at least any one of the number of pixels and pixel layout of a display device of the image display,
an emission characteristic of the display device of the image display,
a gray level characteristic of the image display (the number of gray levels and a gamma characteristic of the display device),

the type of image display (a screen size, an aspect ratio, and the type of device),

a specification of an audio playback system of the image display, and
a displayable frame frequency of the image display.

19. (Currently Amended) A computer program product which operates on an image display control system having a supply source for transmitting a signal including at least a video signal, and an image display for receiving the signal from the supply source and displaying a corresponding image, comprising codes of:

~~the~~ a characteristic acquisition step of acquiring characteristic data of the image display when the supply source is powered on;

~~the~~ a determination step of determining a signal communication specification with the image display on the basis of the characteristic data acquired in ~~the~~ said characteristic acquisition step;

~~the~~ a communication step of communicating a signal including the video signal with the communication specification determined in ~~the~~ said determination step, ~~the~~ with said characteristic acquisition step, ~~the~~ said determination step, and ~~the~~ said communication step being executed in the supply source;

~~the~~ a characteristic transmission step of transmitting characteristic data for specifying a characteristic of the image display to the supply source; ~~and~~

~~the~~ a display communication step of communicating the signal including the video signal determined in ~~the~~ said determination step of the supply source, ~~the~~ with said characteristic transmission step and ~~the~~ said display communication step being executed in the image display;

a connection request transmission step of transmitting a connection request to the supply source,

a detection step of detecting the connection request from the image display.

20. (Currently Amended) A computer-readable storage medium which stores a computer program operating on an image display control system having a supply source for transmitting a signal including at least a video signal, and an image display for receiving the signal from the supply source and displaying a corresponding image, the computer program comprising codes of:

~~the~~ a characteristic acquisition step of acquiring characteristic data of the image display when the supply source is powered on;

~~the~~ a determination step of determining a signal communication specification with the image display on the basis of ~~the~~ said characteristic data acquired in the characteristic acquisition step;

~~the~~ a communication step of communicating a signal including the video signal with the communication specification determined in ~~the~~ said determination step, ~~the~~ with said characteristic acquisition step, ~~the~~ said determination step, and ~~the~~ said communication step being executed in the supply source;

~~the~~ a characteristic transmission step of transmitting characteristic data for specifying a characteristic of the image display to the supply source; ~~and~~

~~the~~ a display communication step of communicating the signal including the video signal determined in ~~the~~ said determination step of the supply source, ~~the~~ with said characteristic transmission step and ~~the~~ said display communication step being executed in the image display;

a connection request transmission step of transmitting a connection request to the supply source,

a detection step of detecting the connection request from the image display.

21. (Withdrawn) An image display control system comprising a terminal for transmitting a signal including at least a pair of video and acoustic signals, and an image display for receiving the signal from said terminal and displaying a corresponding image,

said terminal including:

request means for detecting a program specification held in said image display upon powering on said terminal, and when program download is determined to be necessary from the detected program specification, requesting program download of said image display; and

program download means for downloading a program, and

said image display including:

program update means for storing, in a corresponding program memory of said image display, the downloaded program transmitted subsequently upon reception of the program download request.

22. (Withdrawn) The system according to claim 21, wherein said request means acquires a program ID stored in the program memory of said image display, and detects a program specification.

23. (Withdrawn) The system according to claim 21, wherein when said request means determines that program download is unnecessary and upon completion of program download, said terminal performs display control for said image display.

24. (Withdrawn) An image display system control method in an image display control system having a terminal for transmitting a signal including at least a pair of video and acoustic signals, and an image display for receiving the signal from the terminal and displaying a corresponding image, comprising:

the detection step of detecting a program specification held in the image display when the terminal is powered on;

the determination step of determining whether program download is necessary from the program specification detected in the detection step;

the request step of requesting program download of the image display in correspondence with a determination result in the determination step;

the program download step of downloading a program, the detection step, the determination step, the request step, and the program download step being executed in the terminal; and

the program update step of storing, in a corresponding program memory of the image display, the downloaded program transmitted subsequently upon reception of the program download request, the program update step being executed in the image display.

25. (Withdrawn) The method according to claim 24, wherein the detection step comprises acquiring a program ID stored in the program memory of the image display, and detecting a program specification.

26. (Withdrawn) The method according to claim 24, wherein when program download is determined in the determination step to be unnecessary and upon completion of program download, the terminal performs display control for the image display.

27. (Withdrawn) A computer program product which operates on an image display control system having a terminal for transmitting a signal including at least a pair of video and acoustic signals, and an image display for receiving the signal from the terminal and displaying a corresponding image, comprising codes of:

the detection step of detecting a program specification held in the image display when the terminal is powered on;

the determination step of determining whether program download is necessary from the program specification detected in the detection step;

the request step of requesting program download of the image display in correspondence with a determination result in the determination step;

the program download step of downloading a program, the detection step, the determination step, the request step, and the program download step being executed in the terminal; and

the program update step of storing, in a corresponding program memory of the image display, the downloaded program transmitted subsequently upon reception of the program download request, the program update step being executed in the image display.

28. (Withdrawn) A computer-readable storage medium which stores a computer program operating on an image display control system having a terminal for transmitting a signal including at least a pair of video and acoustic signals, and an image display for receiving the signal from the terminal and displaying a corresponding image, the computer program comprising codes of:

the detection step of detecting a program specification held in the image display when the terminal is powered on;

the determination step of determining whether program download is necessary from the program specification detected in the detection step;

the request step of requesting program download of the image display in correspondence with a determination result in the determination step;

the program download step of downloading a program, the detection step, the determination step, the request step, and the program download step being executed in the terminal; and

the program update step of storing, in a corresponding program memory of the image display, the downloaded program transmitted subsequently upon reception of the program download request, the program update step being executed in the image display.